

Attachment 9.f.1.

Calculations for Cost of Gang-Related Crime

Northeast, Foothill and Pacific LAPD Areas Combined

(calculations by M. Cohen using LAPD data supplied by M. Lyons)

	Reported Crime	Cost Per Crime		Updated to 1998 dollars			Weighted		
		Tangible	Intangible	Tangible	Intangible	Total	Tangible	Intangible	Total
Assault									
ASSAULT W DEADLY WEAPON	1,045	1,550	7,800	1,753	8,822	10,575	1,831,937.3	9,218,781.0	11,050,718.3
ADW ON POLICE OFFICER	27	1,550	7,800	1,753	8,822	10,575	47,332.4	238,188.6	285,521.0
ASSAULT ON POLICE OFFICER	17	1,550	7,800	1,753	8,822	10,575	29,801.9	149,970.6	179,772.5
ADW/FELONY ASSAULT	334	1,550	7,800	1,753	8,822	10,575	585,518.7	2,946,481.2	3,531,999.9
EXTORTION	6	1,550	7,800	1,753	8,822	10,575	10,518.3	52,930.8	63,449.1
BATTERY ON POLICE OFFICER	17	1,550	7,800	1,753	8,822	10,575	29,801.9	149,970.6	179,772.5
ATTEMPTED MURDER	90	1,550	7,800	1,753	8,822	10,575	157,774.5	793,962.0	951,736.5
ATTEMPTED HOMICIDE	178	1,550	7,800	1,753	8,822	10,575	312,042.9	1,570,280.4	1,882,323.3
SHOOT IN DWELLING	74	1,550	7,800	1,753	8,822	10,575	129,725.7	652,813.2	782,538.9
SHOT FIRED	30	1,550	7,800	1,753	8,822	10,575	52,591.5	264,654.0	317,245.5
TERRORIST THREATS	125	1,550	7,800	1,753	8,822	10,575	219,131.3	1,102,725.0	1,321,856.3
WITNESS INTIMIDATION	65	1,550	7,800	1,753	8,822	10,575	113,948.3	573,417.0	687,365.3
ASSAULT	3	1,550	7,800	1,753	8,822	10,575	5,259.2	26,465.4	31,724.6
Arson									
ARSON	4	19,500	18,000	22,055	20,358	42,413	88,218.0	81,432.0	169,650.0
ATTEMPTED ARSON	1	19,500	18,000	22,055	20,358	42,413	22,054.5	20,358.0	42,412.5
Rape									
ATTEMPTED RAPE	2	5,100	81,400	5,768	92,063	97,832	11,536.2	184,126.8	195,663.0
RAPE	43	5,100	81,400	5,768	92,063	97,832	248,028.3	3,958,726.2	4,206,754.5
Robbery									
ATTEMPTED ROBBERY	35	2,300	5,700	2,601	6,447	9,048	91,045.5	225,634.5	316,680.0
ROBBERY	2,021	2,300	5,700	2,601	6,447	9,048	5,257,227.3	13,028,780.7	18,286,008.0
ATTEMPTED CARJACKING	2	4,850	5,700	5,485	6,447	11,932	10,970.7	12,893.4	23,864.1
CARJACKING	75	4,850	5,700	5,485	6,447	11,932	411,401.3	483,502.5	894,903.8
Murder									
HOMICIDE	124	1,030,000	1,910,000	1,164,930	2,160,210	3,325,140	144,451,320.0	267,866,040.0	412,317,360.0
Kidnap									
KIDNAP	27	6,900	25,000	7,804	28,275	36,079	210,705.3	763,425.0	974,130.3
Total	4,345						154,327,890.6	304,365,558.9	458,693,449.5

	Tangible	Intangible	Total
Weighted Average	\$ 35,519	\$ 70,050	\$ 105,568

NOTES (Cohen):

- All costs are taken directly from Miller, Cohen and Wiersema (1996), updated for inflation, with the exception of Kidnapping and Carjacking.
- Inflation adjustment: Miller, Cohen & Wiersema (1996) cost estimates are in 1993 dollars. The consumer price index increase from 1993 to 1998, 13.1%, was used to inflate all estimates.

3. Kidnapping: Cohen (Law and Society Review, 1988) estimated the cost of kidnapping. The ratio of kidnapping cost/assault cost in Cohen (1988) was applied to the assault costs in Miller, Cohen & Wiersema (1996). This was done separately for tangible & intangible costs. See below:

Estimation of Kidnapping costs	Cohen 1988	NIJ 1996
Direct: Assault	422	1550
Direct: Kidnapping	1872	6875.829 imputed
Ratio	4.43602	
Intangible: Assault	4921	7800
Intangible: Kidnapping	15797	25038.94 imputed
Ratio	3.21012	

4. Carjacking: It is assumed that these involve occupied vehicles, thus they are really robberies. The main difference then becomes the value of the property loss. In Miller, Cohen & Wiersema (1996), property loss for robbery is \$750, while it is \$3,300 for motor vehicle theft. Thus, tangible losses were increased by \$2,550 (\$3300-\$750); otherwise, the robbery costs for carjacking were used.